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(1) EOT/Amdt A #4
E. Burns
02/15/02

Docket No.: 1344.1043

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Naomasa SHIMOJOH, et al.

Serial No. 09/634,912

Group Art Unit: 3662

Filed: August 9, 2000

Examiner: S. Cunningham

For: OPTICAL AMPLIFIER

AMENDMENT

RECEIVED
FEB 05 2002
GROUP 3600

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is in response to the Office Action mailed August 20, 2001, and having a period for response set to expire on November 20, 2001. A Petition for a one-month extension of time, together with the requisite fee for same, is submitted herewith, thereby extending the period for response to December 20, 2001.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

IN THE CLAIMS:

Please AMEND claims 1, 2, 4, 5, 7, 9-12 and 14 and ADD new claims 18-32 in accordance with the following:

1. (ONCE AMENDED) An optical amplifier for amplifying wavelength division multiplexed signal light which contains respective optical signals of a first wavelength band and a second wavelength band, comprising:

optical amplifying means amplifying said wavelength division multiplexed signal light using a rare earth element doped fiber to which excitation light is supplied,

wherein the excitation light used by said optical amplifying means has a wavelength capable of producing Raman amplification with respect to optical signals of said second wavelength band, and

said optical amplifying means supplying said excitation light which has the wavelength capable of producing the Raman amplification with respect to the optical signals of said second wavelength band to a Raman amplification producing medium which forms at least a part of an

01/28/2002 CCHAU1 00000089 09634912

03 FC:115

110.00 OP

01/28/2002 CCHAU1 00000089 09634912
144.00 OP
84.00 OP
01 FC:103
02 FC:102

A1
Sub
B1



3662

S&H Form: (10/01)

REPLY/AMENDMENT FEE TRANSMITTAL	Attorney Docket No.	1344.1043	
	Application Number	09/634,912	
	Filing Date	August 9, 2000	
	First Named Inventor	Naomasa SHIMOJOH, et al.	
	Group Art Unit	3662	
AMOUNT ENCLOSED	\$338.00	Examiner Name	S. Cunningham

FEE CALCULATION (fees effective 10/01/01)

CLAIMS AS AMENDED	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra	Rate	Calculations
TOTAL CLAIMS	28	- 20 =	8	X \$ 18.00 =	\$ 144.00
INDEPENDENT CLAIMS	4	- 3 =	1	X \$ 84.00 =	84.00

Since an Official Action set an original due date of November 20, 2001, petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110); 2 months (\$400); 3 months (\$920); 4 months (\$1,440); 5 months (\$1,960)):

\$110.00

If Notice of Appeal is enclosed, add (\$320)

If Statutory Disclaimer under Rule 20(d) is enclosed, add fee (\$110)

Total of above Calculations =

\$ 338.00

Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28)

TOTAL FEES DUE =

\$ 338.00

(1) If entry (1) is less than entry (2), entry (3) is "0".

(2) If entry (2) is less than 20, change entry (2) to "20".

(4) If entry (4) is less than entry (5), entry (6) is "0".

(5) If entry (5) is less than 3, change entry (5) to "3".

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METHOD OF PAYMENT

- ☒ Check enclosed as payment.
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).

GENERAL AUTHORIZATION

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.

19-3935

Deposit Account Name

STAAS & HALSEY LLP

- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	John C. Garvey	Reg. No.	28,607
Signature	<i>John C. Garvey</i>	Date	12-20-01

CERTIFICATE UNDER 37 CFR 1.53
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231
on December 20, 2001
STAAS & HALSEY
By: Naomi Anderson
Date: December 20, 2001